

Spett.le
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Via San Gregorio, 38
20154 Milano MI
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Torino, 05/04/2007

For the kind attention of Dr.ssa Chiara Aquino and Dott. Ermanno Stabile

Please find enclosed the following report(s):

Customer/Field ID: MW7-D Lab ID: 01/25345 Report n°: 162504/07

Customer/Field ID: MW7-S Lab ID: 02/25345 Report n°: 162505/07

Our staff would like to thank you for your preference and is pleased to send you our best wishes and regards.

THEOLAB S.r.l.

Luca Cavallito

TEST REPORT n° 162504/07

All results reported in this Test Report are exclusively and specifically referred to the submitted sample. The present Test Report can be reproduced only in its entirety.
The present Test Report must not be altered in any part or parts or copied for promotional or advertising purposes without the written authorisation of THEOLAB S.r.l.. The present Test Report consists of 2 page(s)

Customer ERM ITALIA SpA
Address Via San Gregorio, 38
 20154 Milano
Project/Contract 0062523
Matrix Type Ground water
Date received 09-mar-07
Customer Sample ID MW7-D **Type N**
Laboratory Sample ID 01 / 25345
Test Report date of issue 05-apr-07
Sampling Date 08-mar-07
Sampling Procedure Sampling activity carried out by the Customer

Notes

Dedicated aliquot for metal's analysis is filtered at 0,45 µm at sampling time

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.2
Metals						
0 arsenic as filtrated on 0,45 µm	30,2 ± 4,5	µg/L	12/03/2007 - 13/03/2007	0,056	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 10
0 manganese as filtrated on 0,45 µm	231 ± 35,0	µg/L	12/03/2007 - 13/03/2007	0,13	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 50
0 mercury as filtrated on 0,45 µm	0,0983 ± 0,015	µg/L	12/03/2007 - 13/03/2007	0,027	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 1
0 nickel as filtrated on 0,45 µm	2,53 ± 0,38	µg/L	12/03/2007 - 13/03/2007	0,14	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 20
0 lead as filtrated on 0,45 µm	2,31 ± 0,35	µg/L	12/03/2007 - 13/03/2007	0,19	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 10
# pentaerythrite	353 ± 110,0	µg/L	12/03/2007 - 12/03/2007	20	SXLC001/05 LC/MS	
# melamine	59,9 ± 12,0	µg/L	12/03/2007 - 12/03/2007	25	SXLC003/04 LC/MS	
# hexamethylenetetramine	<10	µg/L	12/03/2007 - 12/03/2007	10	SXLC006/05 LC/MS	
0 acetaldehyde	28,2 ± 4,5	µg/L	14/03/2007 - 14/03/2007	0,2	EPA 8315A 1996 LC/DAD	
0 formaldehyde	176 ± 28,0	µg/L	14/03/2007 - 14/03/2007	0,24	EPA 8315A 1996 LC/DAD	
HC Compounds						
0 total TPH as n-hexane	13,2 ± 1,3	µg/L	15/03/2007 - 15/03/2007	3	EPA 418.1/78 FTIR EPA 3510C 1996	< 350

Laboratory Accredited UNI EN ISO/IEC 17025:2005

LabSampleID: 01/25345

Customer: ERM ITALIA SpA

Issued on: 05/04/2007

Page 2 of 2

Test Report End

Parameters flagged with # have been carried out using test methods which are not included in the accredited tests list submitted to the Italian Accreditation Body SINAL.

Accredited parameters are flagged with a number designating the category for which they have been accredited for by the Italian Accreditation Body SINAL.

For the accredited test, run in compliance with the modality described in the Accreditation itself, SINAL guarantees:

the competence of the personnel, the availability of suitable instrumentation, and the compliance of the test to the recalled Test Method or Procedure.

"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

Laboratory Manager




TEST REPORT n° 162505/07

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Customer ERM ITALIA SpA
Address Via San Gregorio, 38
 20154 Milano
Project/Contract 0062523
Matrix Type Ground water
Date received 09-mar-07
Customer Sample ID MW7-S
Laboratory Sample ID 02 / 25345
Test Report date of issue 05-apr-07
Sampling Date 08-mar-07
Sampling Procedure Sampling activity carried out by the Customer

Notes

Dedicated aliquot for metal's analysis is filtered at 0,45 µm at sampling time

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method	D.Lgs.152/06 P.IV-T.V- All.5 Tab.2
Metals						
0 arsenic as filtrated on 0,45 µm	28,6 ± 4,3	µg/L	12/03/2007 - 13/03/2007	0,056	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 10
0 manganese as filtrated on 0,45 µm	299 ± 45,0	µg/L	12/03/2007 - 13/03/2007	0,13	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 50
0 mercury as filtrated on 0,45 µm	0,083 ± 0,012	µg/L	12/03/2007 - 13/03/2007	0,027	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 1
0 nickel as filtrated on 0,45 µm	2,43 ± 0,36	µg/L	12/03/2007 - 13/03/2007	0,14	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 20
0 lead as filtrated on 0,45 µm	1,09 ± 0,16	µg/L	12/03/2007 - 13/03/2007	0,19	EPA 6020A 1998 ICP-MS EPA 3005A 1992	< 10
# pentaerythrite	270 ± 81,0	µg/L	12/03/2007 - 12/03/2007	20	SXLC001/05 LC/MS	
# melamine	45,5 ± 9,1	µg/L	12/03/2007 - 12/03/2007	25	SXLC003/04 LC/MS	
# hexamethylenetetramine	<10	µg/L	12/03/2007 - 12/03/2007	10	SXLC006/05 LC/MS	
0 acetaldehyde	24,9 ± 4,0	µg/L	14/03/2007 - 14/03/2007	0,2	EPA 8315A 1996 LC/DAD	
0 formaldehyde	177 ± 28,0	µg/L	14/03/2007 - 14/03/2007	0,24	EPA 8315A 1996 LC/DAD	
HC Compounds						
0 total TPH as n-hexane	4,7 ± 0,47	µg/L	15/03/2007 - 15/03/2007	3	EPA 418.1/78 FTIR EPA 3510C 1996	< 350

Laboratory Accredited UNI EN ISO/IEC 17025:2005

LabSampleID: 02/25345

Customer: ERM ITALIA SpA

Issued on: 05/04/2007

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Test Report End

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Laboratory Manager


